

CLAIMS

I claim:

- 1 1. A barrier structure comprising a continuous piece of elongated metal tape, said
2 metal tape comprising:
3 barbs spaced along an elongate body, each of said barbs connected securely to a
4 barb root, each barb root being connected securely to the elongate body and each of said
5 barbs forming a barb point;
6 a first region of said elongate body adjacent to each barb root;
7 a second region of said elongate body adjacent to each first region distal from said
8 adjacent barb root; and
9 a third region of said elongate body adjacent to each second region distal from
10 said first region, each third region extending lengthwise from each second region and
11 meeting a corresponding third region extending lengthwise away from another second
12 region;
13 wherein each second region extends transversely and inwardly from said adjacent
14 first region and said adjacent third region.
- 1 2. The structure of claim 1, wherein each first region extends away from said barb
2 root a distance of approximately 0.25 inch.
- 1 3. The structure of claim 1, wherein each second region comprises an arcuate cutout.
- 1 4. The structure of claim 1, wherein each of said barb roots is connected to a pair of
2 barbs, said pair of barbs pointing in opposite directions along a longitudinal axis of said
3 tape.

1 5. The structure of claim 4, wherein a distance between barb points of said pair of
2 barbs is the same as a distance between adjacent said second regions of said tape.

1 6. The structure of claim 1, wherein said elongate body defines a channel running
2 along the entire length of said tape.

1 7. The structure of claim 6, wherein said channel receives a reinforcing wire, said
2 reinforcing wire being held in place by pressure exerted by walls of said channel.

1 8. A barrier structure comprising a continuous piece of elongated metal tape, said
2 metal tape comprising:
3 an elongate body defining a longitudinally extending channel and a pair of
4 elongate flanges extending transversely from each side of said channel;
5 barb roots spaced along said tape and secured to said flanges;
6 barb pairs spaced along said tape, each of said barb pairs comprising a pair of
7 tapered barbs secured to a barb root, said pair of barbs extending in opposing longitudinal
8 directions, and each of said barbs forming a barb point;
9 a first region of said elongate body adjacent to each barb root;
10 a second region of said elongate body adjacent to each first region distal from said
11 adjacent barb root; and
12 a third region of said elongate body adjacent to each second region distal from
13 said first region, each third region extending lengthwise from each second region and
14 meeting a corresponding third region extending lengthwise away from another second
15 region;
16 wherein each second region extends transversely and inwardly from said adjacent
17 first region and said adjacent third region.

1 9. The structure of claim 13, wherein a width of each of the flanges in the each first
2 region is greater than a width of each of the flanges in each second region, and wherein a
3 width of each of the flanges in each third region is greater than a width of each of the
4 flanges in each second region.

1 10. The structure of claim 9, wherein a width of each of the flanges in each first
2 region is equal to a width of each of the flanges in each third region.

- 1 11. The structure of claim 9, wherein a width of each of the flanges in each first
2 region is greater than a width of each of the flanges in each third region.
- 1 12. The structure of claim 8, wherein a width of each of the flanges in each second
2 region is equal to a width of each of the flanges in each third region.
- 1 13. The structure of claim 8, wherein the flanges extend along each first region, each
2 second region, and each third region.
- 1 14. The structure of claim 8, wherein each first region extends away from each said
2 barb root a distance of approximately 0.25 inch.
- 1 15. The structure of claim 8, wherein each second region comprises an arcuate cutout.
- 1 16. The structure of claim 8, wherein a distance between barb points of said pair of
2 barbs is approximately the same as the distance between adjacent said second regions of
3 said tape.
- 1 17. The structure of claim 8, wherein said channel receives a reinforcing wire, said
2 reinforcing wire being held in place by pressure exerted by walls of said channel.
- 1 18. The structure of claim 17, wherein said channel describes an arc extending
2 between the flanges, the arc extending about 220°.
- 1 19. The structure of claim 8, wherein said channel does not receive a reinforcing wire.

1 20. The structure of claim 19, wherein said channel describes an arc extending
2 between the flanges, the arc extending less than about 180°.

1 21. The structure of claim 8, wherein each pair of barbs is part of a cluster of four
2 barbs, each cluster of four barbs comprising a pair of barbs extending from each of said
3 flanges.

1 22. The structure of claim 8, wherein the tape substantially forms a helix.

1 23. A barrier structure comprising a continuous piece of elongated metal tape, said
2 metal tape comprising:
3 an elongate body defining a longitudinally extending channel and a pair of
4 elongate flanges extending transversely from each side of said channel;
5 barb roots spaced along said tape and secured to said flanges;
6 barb pairs spaced along said tape, each of said barb pairs comprising a pair of
7 tapered barbs secured to a barb root, said pair of barbs extending in opposing longitudinal
8 directions, and each of said barbs forming a barb point;
9 a first region of said elongate body adjacent to each barb root;
10 a second region of said elongate body adjacent to each first region distal from said
11 adjacent barb root; and
12 a third region of said elongate body adjacent to each second region distal from
13 said first region, each third region extending lengthwise from each second region and
14 meeting a corresponding third region extending lengthwise away from another second
15 region;
16 wherein each second region extends transversely and inwardly from said adjacent
17 first region and said adjacent third region;
18 wherein a distance between barb points of said pair of barbs is approximately the
19 same as the distance between adjacent said second regions of said tape;
20 wherein each barb pair is part of a cluster of four barbs, each cluster of four barbs
21 comprising a pair of barbs extending from each of said flanges; and
22 wherein the tape substantially forms a helix.

1 24. The structure of claim 23, wherein said channel receives a reinforcing wire,
2 wherein said channel describes an arc extending between the flanges, the arc extending
3 about 220°, and wherein said reinforcing wire is held in place by pressure exerted by
4 walls of said channel.

1 25. The structure of claim 23, wherein said channel does not receive a reinforcing
2 wire and wherein said channel describes an arc extending between the flanges, the arc
3 extending about 180°.

1 26. The structure of claim 23, wherein a width of each of the flanges in the each
2 region is greater than a width of each of the flanges in each second region, and wherein a
3 width of each of the flanges in each third region is greater than a width of each of the
4 flanges in each second region.

1 27. The structure of claim 26, wherein a width of each of the flanges in each first
2 region is equal to a width of each of the flanges in each third region.

1 28. The structure of claim 26, wherein a width of each of the flanges in each first
2 region is greater than a width of each of the flanges in each third region.

1 29. The structure of claim 23, wherein a width of each of the flanges in each second
2 region is equal to a width of each of the flanges in each third region.

1 30. The structure of claim 23, wherein the flanges extend along each first region, each
2 second region, and each third region.

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